BLOCK ONE

1.1 - Current Trends in Cyber Security (Office 365 and Ransomware Incidents)
Joshua Dalman
RDP based Ransomware and Office 365 intrusions are quickly becoming ubiquitous. RDP ransomware actors such as Samas, Dharma/Crysis, Globe Imposter, and others have wreaked havoc among medical facilities, businesses, state and local government offices and infrastructure. Likewise, Office 365 intrusions involving social engineering, phishing emails, and unauthorized access have also become common place. This talk will discuss common tactics used by ransomware and Office 365 attackers and steps that can be taken to help mitigate these threats.

1.2 - Identifying and Addressing Communication Complexities
Mark Basnight, Public Affairs Science & Technology Fusion Cell
Have you ever wondered why you have said one thing and your audience heard something totally different? Have you been misunderstood and thought, what's wrong with those people, didn't they hear what we said? There is a lot that happens between the time words leave your mouth and it is processed by the receiver. Culture, history, literacy, biases and other complexities play a key role in how your audiences form their opinions, react and except or reject your message. In this interactive session, we will present and discuss the complexities of communication that face public information professionals today and what you should consider in order to get the desired outcome of your communication before formulating messages. The truth of the matter is, there is a science to communication.

1.3 - Energy Assurance in Michigan
Christina Crue, Tidal Basin
Bruce Van Farowe, Tidal Basin
In an effort to expand upon statewide dark sky exercises, Emergency Management and Homeland Security Division (EMHSD) has facilitated over the past years, a comprehensive energy assurance process is underway with the goal to increase energy resilience at the state and local level. Current efforts in partnership with Tidal Basin include the support and advocacy of localized energy assurance planning and a structured back-up generation assessment process.

These efforts will provide solutions in support of retail fuel services during power outage events. The creation of requisite stakeholder structure and toolkits will promote the sustainability of the effort. This presentation will cover the program and how you can become an engaged stakeholder.

1.4 - Agro-Terrorism – Where are we now?
Brad Deacon, Michigan Department of Agriculture and Rural Development
The session will provide an introduction to Agro-Terrorism as well as updates on planning and preparedness as well as lessons learned from real world incidents. Significant progress has been made in many areas, but there's more to do on animal and plant diseases and food safety and defense.

1.5 - Recovering from a Mass Casualty Incidents: Who Helps the Victims?
Federal Bureau of Investigation
This session will describe the role of the FBI Victim Services Division and the Victim Services Response Team. This session will look at the Victim Assistance response to the Route 91 Harvest Festival Shooting in October 2017. Discussion on some challenges and offer some things for communities to consider with regards to long term recovery.

1.6 - School Track: K-12 School Security: A Guide for Preventing and Protecting against Gun Violence
Michael Baker, Department of Homeland Security
The Department of Homeland Security (DHS) Office of Infrastructure Protection (IP) is pleased to present K-12 School Security: This presentation will include an overview of the updated "Guide for Preventing and Protecting against Gun Violence" (2nd ed., 2018) and a discussion and demonstration of the accompanying Security Survey for use in assessing school security measures that provides options for consideration focused on prevention and protection measures that can enhance the security of a school.

BLOCK TWO

2.1 - Cryptocurrency: What Law Enforcement, First Responders, and Victims Need to Know
Federal Bureau of Investigation
This presentation will provide a basic awareness of how virtual currencies work, their illicit use in criminal investigations including ransomware, identify theft, the dark web, unlicensed currency exchanges, and money laundering. The session will also explore blockchain trends and its use in the growing digital economy.

2.2 - MI-Mort
Tim Schramm, Michigan Mortuary Response Team
This presentation is an overview of the Michigan Mortuary Response Team (MI-MORT) asset. What is it and how does it work? How and when would MI-MORT be deployed. Discuss the relationship between MFDA and MDHHS.

2.3 - Threats to Critical Infrastructure in the State of Michigan
Peter Hoffman, Michigan State Police
Adam Talarek, Michigan State Police
The Presentation will focus on threats and reports of suspicious activity that have affected various Critical Infrastructure/Key Resources (CIKR) facilities in the State of Michigan. DSEMIIC Analyst Andrew Curtis and MIOC Critical Infrastructure Protection Specialist Peter Hoffman will examine various incidents at several Critical Infrastructure locations throughout the state, actions that were taken and outcomes of the incident. Additionally, MIOC SAR Analyst Adam Talarek will give a brief overview on the Suspicious Activity Report (SAR) process and how to report similar incidents to these in the future.

2.4 - The Safety Mindset: Taking Control of Your Inner World in Building the Best Defenses
Lynn Gorski, Michigan State Police
Sgt. Michael Drogowski, Michigan State Police
In a new reality of uncertainty, how do we strengthen our ability to face physical and emotional risks in our lives? Incidents of violence and risk of harm have increased in many professional settings. Critical incident occurrences seem to have become a part of casual conversations.   First responders, educational and health environments have taken significant

steps to reinforce overall safety. Along with the protocols and measures taken to provide protection, there is one dimension that we have individual, absolute control. It is our mind. Our conscious thoughts and ability to develop a patterned mindset of safety is an invaluable force in protecting ourselves and others from risk of harm. This workshop will provide an overview of practical measures in developing an authentic and proactive safety mindset. We will present real life experiences of survival and the role of utilizing and recovering to a safety mindset. It is the goal of this workshop for attendees to gain tangible approaches in building a safety mindset and to promote others in their professional and personal lives to do the same.

2.5 - Lessons Learned from a Trauma Hospital's Response to a School Shooting
This presentation will touch on the initial response by first responders and focus on the initial hospital response, hospital support for the families and close-knit community impacted, and lessons learned for our hospital and others to consider.

2.6 - School Track: Real World Active Shooter Planning & Response
Mark Watkins, Osceola County Emergency Management
This session will provide practical methods for developing active shooter capability for schools. Participants will be provided proven methods to address common challenges through multi-year planning, training, and exercises as well as tools for enhancing 'lockdown' drills, communications, coordination, and other essential response capabilities.

BLOCK THREE

3.1 – Autonomous Vehicles

3.2 - What Everyone Should Know About Critical Infrastructure Right Now and How It Affects You.
Federal Bureau of Investigation
Convergence of technology and the structure of our critical infrastructure are presenting new challenges, emerging threats, and changing our operational environment. This unclassified discussion will cover dependencies, convergences, and what it means for you, your citizens, and government of Michigan.

3.3 - Active Shooter Response
Federal Bureau of Investigation
The presentation will be an overview of the FBI's study on active shooter incidents, common factors observed with case studies and traits observed with the mentality of shooters.

3.4 – Force Multiplier: Fusion Center Support to Integrated, Multi-Disciplinary Intervention Programs Preventing Targeted Mass Violence (PTMV)
Los Angeles Joint Regional Intelligence Center Analyst
A Joint Regional Intelligence Center senior analyst will discuss the Center's collaboration with a local law enforcement agency in support of an evolving regional law enforcement/mental health co-response model. Acts of targeted mass violence (TMV), often non-ideological in nature and committed by emotionally distressed persons (EDPs), have become a persistent, low-frequency/high-impact problem. There is a clear and urgent need for proactive, early identification and intervention to de-escalate individuals who appear to be progressing along a path toward TMV. Fusion center personnel are ideally positioned and equipped to provide support to partners developing and implementing multidisciplinary intervention programs designed to capture knowable information about at-risk individuals, and maximize awareness of the full spectrum of programs and services available for crafting creative, tailored interventions. Fusion center expertise and skills-including, but not limited to identifying and cataloging potential behavioral and psychosocial risk factors; familiarity with extremist ideologies; and robust research, vetting, writing, briefing, and training capabilities-provide a force multiplier to local partners creating and deploying training, educational materials, and policy documents.

3.5 - Reunification: The Perfect EM Buzzword
Rebecca Hoffner, Intermountain Primary Children's Hospital
Reunification is a hot buzzword being thrown around in Emergency Management circles. Many of in the Emergency Management world haven't really thought beyond the word and have not implemented nor practiced the process. Reunification is often lumped in with Family Assistance, and then neither get a fair shake. This presentation will share how Intermountain Primary Children's Hospital has undertaken the process, how the Primary Children's Reunification plan was put into practice at a local elementary school, the multiple lessons learned, and what outcomes were achieved.

3.6 - School Track: Active Shooter and School Safety Training with EDGE

Tabitha Dwyer, Cole Engineering
EDGE is a game-based software training application that emphasizes flexibility and ease-of-use. The First Responder Sandbox (FRS) v2.0 component of EDGE allows first responders and educators to role-play complex scenarios in a virtual environment, improving and reinforcing coordination, communication, and critical decision-making skills. Users control avatars representing their real-life role—teachers, administrators, school resource officers, local law enforcement—to execute any number of training scenarios of their own creation. The EDGE environment can be used to train for any type of incident, from parental custody disputes to potential bomb threats, an active shooter or other critical incidents on campus.

The goal of this discussion is to educate the community on the existence of EDGE, how to acquire it for free from DHS, and strategies on how it may be used in training. This panel will provide an overview and demonstration of the virtual environment and will illustrate unique training strategies for school teachers, administrators and first responders within the virtual environment.

BLOCK FOUR

4.1 - The Dark Web and What to Expect
Alex Dwornick, Michigan State Police
This presentation will discuss the Dark Web in full detail including how the Dark Web works, what to expect, and includes a live demonstration into actual hidden websites.

4.2 - Weapon of Mass Destruction (WMD) Current Threat Awareness
Federal Bureau of Investigation
This session will provide a review current WMD/CBRNE threats and threat actors from around the world and discuss their relevance to the State of Michigan.

4.3 - Great Lakes Drinking Water/Waste Water Systems; Threats and Resiliency
Michigan Section American Water Works Association (AWWA)
This session will provide an opening segment on any known incidents that have occurred, such as cyber-attacks, denial-of-service, ransomware, physical incidents, etc. as well as a segment on the Risk & Resiliency and Emergency Response Plan requirements of America's Water Infrastructure Act of 2018 (AWIA), with an emphasis on communications with responders,

criticality, and interdependencies of the water sector with other lifeline sectors.

4.4 - Working Effectively with Native American Governments and Communities to Enhance Preparedness
Milton Bluehouse
Michigan has 12 federally-recognized tribal nations within its borders. This session will present New Mexico's State-Tribal Collaboration Act as a case study on how to successfully and collaboratively build relationships with tribal partners and communities.

4.5 - International Terrorism Threats Relevant to the State of Michigan
Federal Bureau of Investigation
This will be an Unclassified presentation on the intent, capability, and methods by which international terrorism organizations may conduct attacks in or recruit individuals to launch attacks in the State of Michigan.

4.6 - School Track: Managing the Aggression Cycle: Strategies to Deescalate the Confrontational Student
Jim Wright, New York State-Certified School Psychologist & School Administrator
When students are emotionally upset, they can become verbally and physically confrontational. This workshop looks at the stages of the 'aggression cycle' and offers practical strategies for teachers to deescalate and calm confrontational students before they present a safety risk to self or others. All ideas shared at the training support positive behavioral interventions and will be posted online for easy access after the workshop.

BLOCK FIVE

5.1 - Public Health and Medical Response to Intentional and Unintentional Incidents
Ron Burger
Whether unintentional or intentional incidents or planned or unplanned events, Ron will discuss the issues that affect the public's health and safety and the responses facing public health and medical responders.

5.2 - CHEMICAL Security and First Responders
Jim Harkness, Department of Homeland Security

Jake Perryman, Department of Homeland Security
The focus of this session is to provide awareness and educate Emergency Managers (EMs) and local first responders on the tools utilized by the Department of Homeland Security's Chemical Facilities Antiterrorism Standards (CFATS) program to assist various sector owner/operators in securing their Chemicals of Interest (COI). This session will also identify areas of input and assistance local EMs and First Responders can provide to facility's in establishing their site security and response plans.

5.3 - InfraGard – Connect to Protect
Federal Bureau of Investigation
As Americans, our lifestyle, economy, and national security are supported by a complex framework of businesses and services. The central role of these critical infrastructures and key resources makes them especially vulnerable as targets for both physical and cyber-attack. As the majority of infrastructure in the U.S. is owned and operated by the private sector, cultivating partnerships and incorporating key industry stakeholders is crucial to support the government in protecting critical infrastructure. In response to this ongoing threat, the InfraGard program was established to foster collaboration and information sharing through a robust private sector/government partnership. In this session, the speaker will discuss the development and benefits of the FBI's InfraGard program and share success stories resulting from cooperation between the FBI and our private sector partners.

5.4 - Flint Airport
Federal Bureau of Investigation
This session will be a case presentation on Amor Ftouhi who was charged and found guilty of Terrorism Transcending National Boundaries after he attacked a police officer on June 21, 2017 at the Bishop International Airport in Flint Michigan

5.5 - Emergency Preparedness: Healthcare Supply Chain Lessons Learned from Past Emergencies
Linda Rouse-O'Neal
This session will focus on the lessons learned from past emergency events. Attendees will learn of the efforts of industry and public health officials to create a more elastic supply chain to assure hospitals can continue to operate during a disaster/terror event as well as learn of possible solutions under consideration by policymakers.

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5.6 – School Track: Cyber Security and Student Internet Safety 101: For School Administrators and Teachers

D/Tpr. Bill Coon, Michigan State Police
D/Sgt. Jeff Hoffman, Michigan State Police

Presentation will cover Methods used by attackers to hack into school servers, information on how to better protect school information and a discussion of online student issues including: Cyber-Bullying, Sexting, Social Media, Teacher and Parental tips to protect students.